

Product datasheet

Specifications



Switch disconnecter fuse, FuPacT GSD1250, 1250A, 3 poles, fuse type DIN NH4, front and right side control

LV481473

Main

Range	FuPacT
Product name	FuPacT GS
Device short name	GSD1250
Product or component type	Switch-disconnector-fuse
Device application	Equipment protection, monitoring and control Distribution
Poles description	3P
Number of fuse carriers	3
Fuse type	DIN
Fuse size	NH4
Suitability for isolation	Yes conforming to EN/IEC 60947-3
Visible break	No
Contact position indicator	Yes
[Ith] conventional free air thermal current	1250 A (35 °C) power dissipation per fuse: 110 W
[Ithe] conventional enclosed thermal current	1250 A at 35 °C, Power dissipation per fuse: 110 W
Maximum power dissipation per pole	154 W
[Ue] rated operational voltage	690 V AC 50/60 Hz 1000 V AC 50/60 Hz AC-20
[Ui] rated insulation voltage	1000 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	12 kV
[Ie] rated operational current	AC-22A: 1250 A at 220/240 V AC 50/60 Hz AC-23A: 1250 A at 220/240 V AC 50/60 Hz AC-22B: 1250 A at 220/240 V AC 50/60 Hz AC-23B: 1250 A at 220/240 V AC 50/60 Hz AC-22A: 1250 A at 380/415 V AC 50/60 Hz AC-23A: 1250 A at 380/415 V AC 50/60 Hz AC-22B: 1250 A at 380/415 V AC 50/60 Hz AC-23B: 1250 A at 380/415 V AC 50/60 Hz

Complementary

[Iq] Breaking capacity with fuses (kA RMS)	100 kA at 415 V (AC) 100 kA at 690 V (AC)
Rated operational power in W	750 kW at 380/400 V 900 kW at 660/690 V
Contacts type and composition	3 NO
Type of operating handle	External frontal External right side

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Provision for padlocking	3 padlocks
Mounting position	Vertical
Mounting mode	Fixed
Mounting support	Backplate
Mechanical durability	5000 cycles
Electrical durability	AC-22A: 100 cycles 415 V AC 50/60 Hz AC-22A: 100 cycles 690 V AC 50/60 Hz AC-23A: 100 cycles 415 V AC 50/60 Hz
Connections - terminals	Power circuit: bare cable connectors 80 mm² Power circuit: lugs-ring terminals 4 cable(s) 185 mm²
Tightening torque	Power circuit: 44 N.m
Width	442 mm
Height	300 mm
Depth	289 mm
Net weight	25 kg
Standards	EN/IEC 60947-1 EN/IEC 60947-3
Product certifications	CE CCC EAC

Environment

Electrical shock protection class	Class II front face
IP degree of protection	IP20 conforming to IEC 60529 (with terminal cover)
IK degree of protection	IK07 conforming to EN 50102
Pollution degree	3 conforming to IEC 60947
Ambient air temperature for operation	-20...70 °C
Ambient air temperature for storage	-40...80 °C
Flame resistance	850 °C fuse cover conforming to IEC 60695-2-1 960 °C body conforming to IEC 60695-2-1

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	53.000 cm
Package 1 Width	60.000 cm
Package 1 Length	80.000 cm
Package 1 Weight	41.000 kg

Logistical informations

Country of origin	FR
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Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



Environmental footprint

Total lifecycle Carbon footprint	3 120 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Carbon footprint of the manufacturing phase [A1 to A3]	129 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	18 kg CO2 eq.
Carbon footprint of the installation phase [A5]	2 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	2 970 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	6 kg CO2 eq.

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant
REACH Regulation	Free of Substances of Very High Concern above the threshold

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

End of life manual availability	End of Life Information
Take-back	No
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins